

FORM PTO-1449 (Rev. 8-83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET No.	SERIAL NO.
		1715333	10/718,230
		APPLICANTS Kumagai et al.	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		FILING DATE	GROUP
		11/20/03	3661

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE If Appropriate

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
LDR	05-322569	12/7/93	Japan	G01C	15/00	(Abstract)	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

--

EXAMINER	Luke Ratcliffe	DATE CONSIDERED	7/15/05
*EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			